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Terms	Documents
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l1 and confident$6	1

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[Abstract] [PDF Full-Text] **CNF**

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A security policy model for clinical information system

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Comput. Lab., Cambridge Univ., UK

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6-8 May 1996
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ISBN: 0-8186-7417-2
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References Cited: 56
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Abstract:
The protection of personal health information has become a live issue in a n countries, including the USA, Canada, Britain and Germany. The debate has there is widespread confusion about what should be protected, and why. De military and banking systems can refer to Bell & LaPadula (1973) and Clark (1987) respectively, but there is no comparable security policy model that s and concise access rules for clinical information systems. In this article, we such a model. It was commissioned by doctors and is driven by **medical** eth informed by the actual threats to **privacy**, and reflects current best clinical effect is to restrict both the number of users who can access any record and number of records accessed by any user. This entails controlling informatio rather than down and enforcing a strong notification property. We discuss it with existing security policy models, and its possible use in other applicatio information exposure must be localised; these range from private banking t management of intelligence data.

Index Terms:
medical information systems; security of data; data **privacy**; DP managen policy model; clinical information systems; personal health information prot **medical** ethics; **privacy** threats; restricted user numbers; restricted recorc information flow control; strong notification property enforcement; localizec exposure; private banking; intelligence data management

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